

Application No. 10/812,640
AMENDMENT AFTER FINAL dated June 12, 2008
Reply to Office Action of March 14, 2008

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. (Currently amended) An elongate airbag for being inflated along an exterior surface of an elongate pillar of a vehicle, the elongate airbag comprising:

an airbag body having a generally elongate, narrow tubular configuration upon inflation thereof for extending longitudinally along the exterior surface of the vehicle pillar;

a pair of elongate chambers in the airbag body that are inflated upon airbag deployment to extend in a longitudinal direction in the generally elongate, narrow tubular airbag body;

a pair of material panels of the airbag body that are each formed into an elongate configuration extending in the longitudinal direction with one of the material panels defining one of the elongate chambers without the other material panel and both of the material panels ~~corresponding~~ cooperating to completely form the other elongate chamber;

one panel portion of the one material panel [[that]] extends in the longitudinal direction ~~centrally between the chambers~~ and acts to tether the airbag for limiting inflation thereof in a direction transverse to the longitudinal direction and away from the exterior surface of the vehicle pillar ~~with the chambers having a mirror image, symmetrical configuration to each other on either side of the one panel portion upon inflation of the airbag body;~~

at least one vent port in the one panel portion; and

a duct connected to only one or the other of the elongate chambers for directing inflation gas therein.

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2. (Currently amended) The airbag of claim 1 wherein the at least one vent [[hole]] port provides for inflation gas flow between the chambers for substantially uniform airbag inflation.

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Previously presented) The airbag of claim 1 wherein the one material panel is longer than the other material panel of the pair of material panels in a widthwise direction transverse to the longitudinal direction due to the one panel portion thereof so that only a single material layer divides the two chambers from each other.

7. (Withdrawn) The airbag of claim 6 wherein one of the two chambers is further divided into multiple chambers, and

at least one separate panel extending in the longitudinal direction in the internal space to form the multiple chambers in the one chamber.

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Previously Presented) The airbag of claim 1 including a gas generator for inflating the airbag chambers for airbag deployment.

12. (Currently amended) An elongate airbag comprising:

an airbag body having a generally elongate, narrow tubular configuration upon inflation thereof;

an elongate internal space in the airbag body that is inflated upon airbag deployment to extend in a longitudinal direction in the generally elongate, narrow tubular airbag body;

at least one elongate material panel of the airbag body extending at least partially about the internal space;

at least one elongate tether panel that extends in the longitudinal direction and divides the internal space into at least two elongate chambers that both extend in the longitudinal direction;

a plurality of vent holes in the tether panel spaced longitudinally from each other in the longitudinal direction along the elongate tether panel to allow the two chambers to be in communication for substantially uniform airbag inflation;

a plurality of projections of the material panel spaced longitudinally from each other in the longitudinal direction along the elongate material panel with each of the projections having an aperture for receiving a fastener to permit the airbag body to be arranged in an elongate, flat and folded configuration thereof prior to airbag deployment to extend along and be fixed to a vehicle pillar with the fasteners; and

a cylindrical duct in communication with only one of the elongate chambers for directing inflation gas therein and formed by the ~~material tether~~ panel so as to extend orthogonally to the longitudinal direction and spaced longitudinally from the material panel projections.

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13. (Original) The airbag of claim 12 wherein the one material panel and one tether panel are of a single material piece.

14. (Withdrawn) The airbag of claim 12 wherein the one material panel is folded to form the two chambers.

15. (Withdrawn) The airbag of claim 14 wherein the one tether panel is integral with the one material panel and comprises a double material layer through which the vent hole is formed.

16. (Original) The airbag of claim 12 wherein the at least one material panel comprises a pair of material panels that are folded to form the two chambers.

17. (Original) The airbag of claim 16 wherein the one tether panel is integral with one of the pair of material panels so that the one tether panel comprises a single material layer.

18. (Withdrawn) The airbag of claim 16 wherein the at least one tether panel comprises two tether panels each integral with one of the pair of material panels so that there is a double material layer through which the vent hole is formed.

19. (Withdrawn) The airbag of claim 17 including an additional pair of material panels that are folded to form an additional two chambers, and an additional tether panel that is integral with one of the additional pair of material panels extending between the additional two chambers, and

one of the pair of material panels and one of the additional pair of panels being attached to provide the airbag internal space with four chambers with at least one vent hole formed through the attached material panels from the material panel pair and additional pair.

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20. (Withdrawn) The airbag of claim 17 including at least two additional tether panels separate from the material panels and disposed in the airbag internal space and each including at least one vent hole to form four chambers in the internal space.
21. (Canceled)
22. (Canceled)
23. (Withdrawn) The method of claim 21 wherein the folding at least one material panel comprises folding a single material panel, and the airbag is tethered by folding the portion of the single material panel to provide a double material layer extending longitudinally in the airbag internal space.
24. (Withdrawn) The method of claim 22 wherein the folding a pair of material panels comprising folding two pair of material panels, the tethering the airbag comprises tethering the airbag with a portion of one of the material panels form each panel pair, and attaching the two pair of material panels along one material panel of each pair, and the dividing the airbag internal space comprises dividing the airbag internal space into four chambers via the material panel portions and the attached material panels.
25. (Withdrawn) The method of claim 21 wherein the tethering the airbag comprises tethering the airbag with two separate tether panels, and the dividing the airbag internal space comprises dividing the airbag internal space into four chambers via the material panel portion and the two separate tether panels extending longitudinally in the airbag internal space.
26. (Canceled)